

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	BRS	1	'09955630' '09/955630' '09/955,630' '09,955,630'	USPAT; US-PGPUB	2003/10/29 13:31		
2	BRS	1	('09955630' '09/955630' '09/955,630' '09,955,630') and (proxim\$5 distal\$1 end phased slab\$1 gap\$1)	USPAT; US-PGPUB	2003/10/27 17:56		
3	BRS	1110	((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg))	USPAT; US-PGPUB	2003/10/27 18:35		
4	BRS	1100	((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1	USPAT; US-PGPUB	2003/10/27 18:35		
5	BRS	718	((waveguide\$1 near7 gap\$1) same waveguides	USPAT; US-PGPUB	2003/10/27 18:38		
6	BRS	86	((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)	USPAT; US-PGPUB	2003/10/27 18:41		
7	BRS	27099	385/\$.ccls.	USPAT; US-PGPUB	2003/10/27 18:39		
8	BRS	73	((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and 385/\$.ccls.	USPAT; US-PGPUB	2003/10/27 18:39		
9	BRS	2108	385/24.ccls.	USPAT; US-PGPUB	2003/10/28 18:16		
10	BRS	18	((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and 385/24.ccls.	USPAT; US-PGPUB	2003/10/27 18:40		
11	BRS	84	((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and (phase\$3 angl\$3)	USPAT; US-PGPUB	2003/10/27 18:42		
12	BRS	60	((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and (phase\$3 angl\$3)) and gaps	USPAT; US-PGPUB	2003/10/29 11:13		
13	BRS	38	(awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same (gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)	USPAT; US-PGPUB	2003/10/28 17:28		

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
14	BRS	27	((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) not (((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and (phase\$3 angl\$3)) and gaps)	USPAT; US-PGPUB	2003/10/28 17:11		
15	BRS	30	(awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3) near9 fill\$3) and (phase\$3 angl\$3))	USPAT; US-PGPUB	2003/10/28 17:34		
16	BRS	7	((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3) near9 fill\$3) and (phase\$3 angl\$3)) not (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same (gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) (((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and (phase\$3 angl\$3)) and gaps))	USPAT; US-PGPUB	2003/10/28 17:35		
17	BRS	30	(awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3) near9 fill\$3))	USPAT; US-PGPUB	2003/10/28 17:36		

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1	0
2	0
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6	0
7	0
8	0
9	0
10	0
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12	0
13	0

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14	0
15	0
16	0
17	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
18	BRS	0	((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3) near9 fill\$3)) not (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same (gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) (((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1 and ((waveguide\$1 near7 gap\$1) same waveguides)) and (phase\$3 angl\$3)) and gaps) (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3) near9 fill\$3) and (phase\$3 angl\$3)) not (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same (gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) (((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and	USPAT; US-PGPUB	2003/10/28 17:38		
19	BRS	0	(awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguides near7 (groov\$2 gap\$1 spac\$3))	USPAT; US-PGPUB	2003/10/28 17:37		
20	BRS	104	(awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguides near7 (groov\$2 gap\$1 spac\$3))	USPAT; US-PGPUB	2003/10/28 18:17		

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18	0
19	0
20	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
21	BRS	53	((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguides near7 (groov\$2 gap\$1 spac\$3))) not (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same (gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) (((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and (phase\$3 angl\$3)) and gaps) (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same (gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) not (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same (gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) (((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7	USPAT; US-PGPUB	2003/10/28 18:20		
22	BRS	0	'11-362792'	JPO; DERWENT	2003/10/28 17:59		
23	BRS	4	'362792'	JPO; DERWENT	2003/10/28 18:00		
24	BRS	0	'11362792'	JPO; DERWENT	2003/10/28 18:00		
25	BRS	773	Kato near1 Hiroyuki	JPO; DERWENT	2003/10/28 18:02		
26	BRS	169	(Arrayed near1 waveguide near1 grating).ab.	JPO; DERWENT	2003/10/28 18:02		
27	BRS	0	(Kato near1 Hiroyuki) and ((Arrayed near1 waveguide near1 grating).ab.)	JPO; DERWENT	2003/10/28 18:02		
28	BRS	773	Kato near2 Hiroyuki	JPO; DERWENT	2003/10/28 18:02		
29	BRS	2115	385/24.ccls.	USPAT; US-PGPUB	2003/10/28 18:16		
30	BRS	194	(awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3 discontinuities))	USPAT; US-PGPUB	2003/10/30 12:54		

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21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
31	BRS	82	((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3 discontinuities))) not (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) (((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and (phase\$3 angl\$3)) and gaps) (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3) near9 fill\$3) and (phase\$3 angl\$3)) not (((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same groov\$2 same (gap\$1 spac\$3 fill\$3 slot\$1)) and (phase\$3 angl\$3)) (((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and	USPAT; US-PGPUB	2003/10/28 18:21		
32	BRS	18	(awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1 spac\$3 discontinuities))	EPO; JPO; DERWENT	2003/10/29 11:18		
33	BRS	60	(((((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 same ((array\$3 near1 waveguide near1 grating) awg)) same slab\$1) and ((waveguide\$1 near7 gap\$1) same waveguides)) and (phase\$3 angl\$3)) and gaps	USPAT; US-PGPUB	2003/10/29 11:18		
34	BRS	1	6337660.pn.	USPAT; US-PGPUB	2003/10/29 09:39		
35	BRS	1	6337660.pn. and (dispers\$4 delaay\$4 true chirp\$4 grating)	USPAT; US-PGPUB	2003/10/29 09:40		
36	BRS	7	("6278813" "6195481" "6141467" "6466707" "5546483" "6404946" "6229938").pn.	USPAT; US-PGPUB	2003/10/29 13:45		

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31	0
32	0
33	0
34	0
35	0
36	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
37	BRS	1	((array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 and ((array\$3 near1 waveguide near1 grating) awg)) and slab\$1) and ((waveguide\$1 near7 gap\$1) and waveguides)) and (groov\$2 gap\$1 spac\$3 discontinuities)	EPO; JPO; DERWENT	2003/10/29 11:20		
38	BRS	7	((("6278813" "6195481" "6141467" "6466707" "5546483" "6404946" "6229938").pn.) and (groov\$2 gap\$1 spac\$3 discontinuities slab\$1)	USPAT; US-PGPUB	2003/10/29 15:14		
39	BRS	1	'09/955,630' and (offset\$3 control\$4)	USPAT; US-PGPUB	2003/10/29 15:34		
40	BRS	1	((("6229938").pn.) and (offset\$3 control\$4)	USPAT; US-PGPUB	2003/10/29 15:06		
41	BRS	13	"20030123796" "20030007728" "200201559696" "20020131704" "6591034" "5745618"	USPAT; US-PGPUB	2003/10/29 15:08		
42	BRS	5	("20030123796" "20030007728" "200201559696" "20020131704") ("6591034" "5745618").pn.	USPAT; US-PGPUB	2003/10/29 15:09		
43	BRS	2	("6591034" "5745618").pn.	USPAT; US-PGPUB	2003/10/29 15:09		
44	BRS	3	"20030123796" "20030007728" "200201559696" "20020131704"	USPAT; US-PGPUB	2003/10/29 15:11		
45	BRS	1	"20020159696"	USPAT; US-PGPUB	2003/10/29 15:14		
46	BRS	6	((("6591034" "5745618").pn.) ("20030123796" "20030007728" "200201559696" "20020131704") "20020159696"	USPAT; US-PGPUB	2003/10/29 15:14		
47	BRS	6	((("6591034" "5745618").pn.) ("20030123796" "20030007728" "200201559696" "20020131704") "20020159696") and (groov\$2 gap\$1 spac\$3 discontinuities slab\$1)	USPAT; US-PGPUB	2003/10/31 14:55		
48	BRS	0	11-350257	JPO; DERWENT	2003/10/29 15:16		
49	BRS	8	"350257"	JPO; DERWENT	2003/10/29 15:17		
50	BRS	9	"0350257"	JPO; DERWENT	2003/10/29 15:21		
51	BRS	0	'198 ("20030123796" "20030007728" "200201559696" "20020131704") 404'	EPO; DERWENT	2003/10/29 15:26		
52	BRS	0	6404946.pn. and (offset\$3 control\$4 insertion)	USPAT; US-PGPUB	2003/10/29 15:35		
53	BRS	1	6404946.pn. and (loss\$3)	USPAT; US-PGPUB	2003/10/29 15:36		
54	BRS	1	6404946.pn. and (loss\$3 groov\$2 gap\$1 spac\$3 discontinuities slab\$1 adjust\$4 correct\$4 chang\$3)	USPAT; US-PGPUB	2003/10/29 16:20		
55	BRS	1	'09/955,630'	USPAT; US-PGPUB	2003/10/30 12:24		

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37	0
38	0
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40	0
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49	0
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51	0
52	0
53	0
54	0
55	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
56	BRS	1	6404946.pn.	USPAT; US-PGPUB	2003/10/30 10:29		
57	BRS	1	6404946.pn. and (signal\$1 same wavelength\$1)	USPAT; US-PGPUB	2003/10/30 11:56		
58	BRS	1	6404946.pn. and (loss\$4 same (insertion\$1 wavelength\$1 division\$1))	USPAT; US-PGPUB	2003/10/30 11:53		
59	BRS	1	6404946.pn. and (groov\$2 gap\$1 spac\$3 distance\$1)	USPAT; US-PGPUB	2003/10/30 11:56		
60	BRS	1	'09/955,630'	USPAT; US-PGPUB	2003/10/30 12:24		
61	BRS	1	('09/955,630') and (angl\$3 same (orthogonal\$2 plane\$1))	USPAT; US-PGPUB	2003/10/30 12:27		
62	BRS	112	(awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1))	USPAT; US-PGPUB	2003/10/30 12:55		
63	BRS	105	((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1))) and ((groove gap\$1) near7 control\$4 near7 insertion loss\$1)	USPAT; US-PGPUB	2003/10/30 12:57		
64	BRS	1	((awg (array\$3 near1 waveguide near1 grating) (phas\$4 near3 array\$3 near5 waveguide\$3)) same slab\$1 and (waveguide\$1 same (groov\$2 gap\$1))) and ((groove gap\$1) with control\$4 with (insertion near1 loss\$1))	USPAT; US-PGPUB	2003/10/30 12:59		
65	BRS	1	((groove gap\$1) with control\$4 with (insertion near1 loss\$1)) and awg	USPAT; US-PGPUB	2003/10/30 14:01		
66	BRS	1	6229938.pn.	USPAT; US-PGPUB	2003/10/30 14:01		
67	BRS	1	6229938.pn. and (signal\$1 same wavelength\$1)	USPAT; US-PGPUB	2003/10/30 14:05		
68	BRS	1	6229938.pn. and (signal\$1 wavelength\$1)	USPAT; US-PGPUB	2003/10/30 14:20		
69	BRS	0	6229938.pn. and (phas\$3 near9 array\$2)	USPAT; US-PGPUB	2003/10/30 14:20		
70	BRS	0	6229938.pn. and (phas\$3 same array\$2)	USPAT; US-PGPUB	2003/10/30 15:02		
71	BRS	1	6229938.pn. and (insertion loss\$3)	USPAT; US-PGPUB	2003/10/30 15:07		
72	BRS	1	6229938.pn. and (((insertion loss\$3) same (control\$3 adjust\$4 modif\$7 chang\$4)) insert\$4 loss\$3 control\$4)	USPAT; US-PGPUB	2003/10/30 15:15		
73	BRS	1	6229938.pn. and (((insertion loss\$3) same (control\$3 adjust\$4 modif\$7 chang\$4)) insert\$4 loss\$3 control\$4 gap\$2 distanc\$3 groov\$2 space\$2)	USPAT; US-PGPUB	2003/10/30 15:48		

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56	0
57	0
58	0
59	0
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62	0
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67	0
68	0
69	0
70	0
71	0
72	0
73	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
74	BRS	1	6229938.pn. and (((insertion loss\$3) same (control\$3 adjust\$4 modif\$7 chang\$4)) insert\$4 loss\$3 control\$4 gap\$2 distanc\$3 groov\$2 space\$2 cross talk\$1 nois\$3)	USPAT; US-PGPUB	2003/10/30 15:54		
75	BRS	1	6229938.pn. and (((insertion loss\$3) same (control\$3 adjust\$4 modif\$7 chang\$4)) insert\$4 loss\$3 control\$4 gap\$2 distanc\$3 groov\$2 space\$2 cross talk\$1 crosstalk\$3 nois\$3)	USPAT; US-PGPUB	2003/10/31 11:19		
76	BRS	1	"09/955,630"	USPAT; US-PGPUB	2003/10/31 11:19		
77	BRS	1	"09/955,630" and (prox\$4 same input\$3)	USPAT; US-PGPUB	2003/10/31 11:20		
78	BRS	1	("6229938").pn.	USPAT; US-PGPUB	2003/10/31 13:28		
79	BRS	1	((("6229938").pn.) and (gap\$1 groov\$3 angl\$3 distance\$1 space\$1)	USPAT; US-PGPUB	2003/10/31 13:29		
80	BRS	6	("5745619" "5828800" "5854868" "5859717" "5894535" "6195481").pn.	USPAT; US-PGPUB	2003/10/31 15:11		

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74	0
75	0
76	0
77	0
78	0
79	0
80	0